

JOB PERFORMANCE MEASURE

TASK CODE: CDO-043

TASK: Respond to an Airborne Radioactivity Event

NAME: _____ **>BADGE #:** _____

REFERENCES: Only references for knowledge items are listed here. The trainee is expected to identify the correct references for Practical items

- >1. WP 12-HP4000, Emergency Radiological Control Operations

TERMINAL OBJECTIVE:

>Given that airborne radioactivity is suspected, respond to an airborne radioactivity event per WP 12-HP4000

CONSEQUENCES OF INADEQUATE PERFORMANCE:

Unnecessary Spread of Contamination
Internal Deposition of Radioactive Material

HAZARDS (PERSONNEL/EQUIPMENT STATUS):

Unnecessary Spread of Contamination
Internal Deposition of Radioactive Material

PRE-REQUISITE TRAINING/ TASK COMPLETION:

1. CL 1.00 Series
- >2. CL 2.06, Airborne Sampling Program/Methods
- >3. CL 2.13, Radiological Incidents and Emergencies
- >4. CL 2.18, Air Sampling Equipment
5. CEO-181, Provide Job Coverage for Work in a High Contamination Area
- >6. CFO-125, Operate a fixed Alpha CAM
- >7. CFO-127, Operate a fixed Beta CAM
8. CFO-173, Operate a Portable Alpha CAM
9. SAF-630,631

TOOLS/EQUIPMENT (MATERIALS REQUIRED):

- | | |
|---------------------------------------|-------------------------|
| 1. Appropriate Survey Instrumentation | 5. Survey Documentation |
| 2. Active RWP | 6. Posting Materials |
| 3. Appropriate Dosimetry | >7. RadCon Supplies |
| 4. Protective Clothing | |

Instructions to Trainee: You shall acquire the necessary references and equipment, and complete all required documentation. Knowledge requirements shall be completed with 80% or greater accuracy. Critical step performance shall be completed with 100% accuracy.

> **Instructions to JPM Evaluator:** The trainee is to perform the terminal objective, without assistance, on the job site. Provide clarification of requirements if requested by the trainee. You are encouraged to ask relevant questions to verify trainee understanding. If the trainee fails this JPM, clearly document the reason for failure and forward to the trainee's manager. Successful completion of this JPM shall be recorded on the trainee's qualification card. >**On performance items, if there is more than one means available to accomplish the step, circle the method used. Refer to the RCT-01 Qualification Standard for preference of use.**

KNOWLEDGE REQUIREMENTS:

Reference	Knowledge Requirement	Pass/Fail
1	State the information you must report to the CMR	
1	State the different radiological areas onsite which are equipped with "filtered" ventilation.	
1	Discuss how a temperature inversion can affect a CAM.	
1	Describe how to determine if a temperature inversion exists.	
>1	Give examples of unfiltered ventilation	

PERFORMANCE REQUIREMENTS:

>Method	Performance Requirement	Pass/Fail
	IMMEDIATE ACTIONS	
P, S, D	Stop all work, place equipment in a safe condition. #	
P, S, D	Evacuate all personnel. #	
P, S, D	>Notify the CMR and RC Manager. #	
P, S, D	Isolate the affected area. #	
P, S, D	Secure unfiltered ventilation. #	
	SUBSEQUENT ACTIONS	
P, S, D	Notify Dosimetry for purposes of bioassay requirements	

> Denotes editing in this revision

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>Method	Performance Requirement	Pass/Fail
P, S, D	Identify the source of airborne activity	
P, S, D	Recommend corrective actions to the RadCon manager	

indicates a critical step

FINAL EVALUATION:

PASS

FAIL

COMMENTS:

EVALUATOR SIGNATURE: _____ **DATE:**_____

TRAINEE SIGNATURE: _____ **DATE:**_____

MANAGER SIGNATURE: _____ **DATE:**_____